

Set No. : 1

Question Booklet No

RET/17/TEST-B

614

Vikrit Vigyan

(To be filled up by the candidate by blue/black ball point pen)

Roll No.

--	--	--	--	--	--	--	--	--	--

Roll No. (Write the digits in words)

Serial No. of OMR Answer Sheet

Day and Date

(Signature of Invigilator)

INSTRUCTIONS TO CANDIDATES

(Use only blue/black ball-point pen in the space above and on both sides of the Answer Sheet)

1. Within 30 minutes of the issue of the Question Booklet, Please ensure that you have got the correct booklet and it contains all the pages in correct sequence and no page/question is missing. In case of faulty Question Booklet, Bring it to the notice of the Superintendent/Invigilators immediately to obtain a fresh Question Booklet.
2. Do not bring any loose paper, written or blank, inside the Examination Hall *except the Admit Card without its envelope.*
3. *A separate Answer Sheet is given. It should not be folded or mutilated. A second Answer Sheet shall not be provided.*
4. Write your Roll Number and Serial Number of the Answer Sheet by pen in the space provided above.
5. *On the front page of the Answer Sheet, write by pen your Roll Number in the space provided at the top, and by darkening the circles at the bottom. Also, wherever applicable, write the Question Booklet Number and the Set Number in appropriate places.*
6. *No overwriting is allowed in the entries of Roll No., Question Booklet No. and Set No. (if any) on OMR sheet and Roll No. and OMR sheet no. on the Question Booklet.*
7. *Any change in the aforesaid entries is to be verified by the invigilator, otherwise it will be taken as unfair means.*
8. *This Booklet contains 40 multiple choice questions followed by 10 short answer questions. For each MCQ, you are to record the correct option on the Answer Sheet by darkening the appropriate circle in the corresponding row of the Answer Sheet, by pen as mentioned in the guidelines given on the first page of the Answer Sheet. For answering any five short Answer Questions use five Blank pages attached at the end of this Question Booklet.*
9. For each question, darken only **one** circle on the Answer Sheet. If you darken more than one circle or darken a circle partially, the answer will be treated as incorrect.
10. *Note that the answer once filled in ink cannot be changed. If you do not wish to attempt a question, leave all the circles in the corresponding row blank (such question will be awarded zero marks)*
11. For rough work, use the inner back pages of the title cover and the blank page at the end of this Booklet
12. *Deposit both OMR Answer Sheet and Question Booklet at the end of the Test.*
13. You are not permitted to leave the Examination Hall until the end of the Test.
14. If a candidate attempts to use any form of unfair means, he/she shall be liable to such punishment as the University may determine and impose on him/her.

Total No. of Printed Pages : 20

ROUGH WORK

रफ़ कार्य

Research Entrance Test-2017

No. of Questions : 50

प्रश्नों की संख्या : 50

Time : 2 Hours

Full Marks : 200

समय : 2 घण्टे

पूर्णाङ्क : 200

Note: (1) This Question Booklet contains **40** Multiple Choice Questions followed by **10** Short Answer Questions.

इस प्रश्न पुस्तिका में **40** वस्तुनिष्ठ व **10** लघु उत्तरीय प्रश्न हैं।

(2) Attempt as many MCQs as you can. Each MCQ carries **3 (Three)** marks. **1 (One)** mark will be deducted for each incorrect answer. **Zero** mark will be awarded for each unattempted question. If more than one alternative answers of MCQs seem to be approximate to the correct answer, choose the closest one.

अधिकाधिक वस्तुनिष्ठ प्रश्नों को हल करने का प्रयत्न करें। प्रत्येक वस्तुनिष्ठ प्रश्न **3 (तीन)** अंकों का है। प्रत्येक गलत उत्तर के लिए **1 (एक)** अंक काटा जायेगा। प्रत्येक अनुत्तरित प्रश्न का प्राप्तांक शून्य होगा। यदि वस्तुनिष्ठ प्रश्नों के एकाधिक वैकल्पिक उत्तर सही उत्तर के निकट प्रतीत हों, तो निकटतम सही उत्तर दें।

(3) Answer only **5** Short Answer Questions. Each question carries **16 (Sixteen)** marks and should be answered in **150-200** words. Blank **5 (Five)** pages attached with this booklet shall only be used for the purpose. Answer each question on separate page, after writing Question No.

केवल **5 (पाँच)** लघुउत्तरीय प्रश्नों के उत्तर दें। प्रत्येक प्रश्न **16 (सोलह)** अंकों का है तथा उनका उत्तर **150-200** शब्दों के बीच होना चाहिए। इसके लिए इस पुस्तिका में लगे हुए सादे **5 (पाँच)** पृष्ठों का ही उपयोग आवश्यक है। प्रत्येक प्रश्न का उत्तर एक नए पृष्ठ से, प्रश्न संख्या लिखकर शुरू करें।

- 01.** Mala of Medo dhatu is :
- | | |
|-------------|---------------|
| (1) Mutra | (2) Sveda |
| (3) Purisha | (4) Medo roga |
- 02.** Takrarista is indicated in which disease :
- | | |
|----------------|---------------|
| (1) Sandhivata | (2) Gridhrasi |
| (3) Urustambha | (4) Grahani |
- 03.** The synonym of Rasakriya is :
- | | |
|------------|-------------|
| (1) Kalka | (2) Avalcha |
| (3) Churna | (4) Vati |
- 04.** According to Charak Samhita, Sankhapushpi should be used as Medhya Rasayana in form of :
- | | |
|-------------|------------|
| (1) Svarasa | (2) Churna |
| (3) Kalka | (4) Kwatha |
- 05.** Main Kalpana of Snehapana is :
- | | |
|-----------|---------------|
| (1) Vasti | (2) yusha |
| (3) Audan | (4) Acchapeya |
- 06.** Use of Kalyanaka Ghrita is described in Kashyapa Samhita in :
- | | |
|---------------------------|---------------------------|
| (1) Vedanadhayaya | (2) Lehadhayaya |
| (3) Dantajanmika adhayaya | (4) Visesa Kalpa adhayaya |
- 07.** Vamana is the choice of treatment in which type of ajirna :
- | | |
|--------------------|-------------------|
| (1) Amajirna | (2) Vidagdhajirna |
| (3) Vistabdhajirna | (4) Rasasesajirna |

08. According to Charak Samhita, pure blood resembles the colour of :
- (1) Gunja phala (2) Bhallataka phala
(3) Udumbara phala (4) Madhuka phala
09. Which of the following drug is not Yogavahi :
- (1) Draksha (2) Pippali
(3) Madhu (4) Ghrita
10. Gunja is enumerated in Gana called :
- (1) Upavisha (2) Visha
(3) Mahavisha (4) Gara visha
11. According to Sushruta, "Shukra dosha and Prameha" is due to vitiation of :
- (1) Only Apana vayu (2) Vyana and Apana vayu
(3) Samana and Vyana vayu (4) Only Vyana vayu
12. Which one of the following statements is wrong according to Sushruta ?
- (1) Janmabala pravritta vyadhis are due to abnormality either in Shukra **or** in Shonita **or** in both
(2) Upasargaja vyadhis are included in Daivabala pravritta vyadhis
(3) Doshabala pravritta vyadhis are originated from amashaya and Pakwashaya
(4) The external factors are responsible for Sanghatabala pravritta vyadhis

13. Shosa is manifested due to nidanarthakara roga :
- (1) Raktapitta and Jvara
 - (2) Kshaya, Pleehodara and Jvara
 - (3) Raktapitta, Jvara and Kasa
 - (4) Kshaya, Raktapitta and Jvara
14. “तत् दुःखसंयोगा व्याधय उच्यन्ते” -In this statement of Sushruta what may be the most appropriate definition for दुःख from clinical point of view ?
- (1) दुःखं काय वाक् मनासी पीडा
 - (2) दुर्दुष्टानि खानि स्रोतांसि दुःखानि
 - (3) प्रतिकूल वेदनीयम दुःखम्
 - (4) विकारो दुःखमेव च
15. According to Charaka, among the following which is the most appropriate cause for Vyadhisankara ?
- (1) Ekarthakari Nidanarthakara roga
 - (2) Upadrava
 - (3) Ekarthakari Nidanarthakara roga & Upadrava
 - (4) Aparishuddha Prayoga
16. Full form of NABL is :
- (1) National Assessment Board for laboratories
 - (2) National Accreditation Board for Testing and calibration Laboratories
 - (3) National Accreditation Board for Laboratories
 - (4) National assessment Board for Calibration Laboratories
17. As per NCCLS specification, the permissible limit for microbiological content in Reagent grade water type I is :
- (1) 5 cfu/ml
 - (2) 10^2 cfu/ml
 - (3) 1 cfu/ml
 - (4) 10 cfu/ml

18. In iron deficiency anemia, TIBC is :
- (1) Low (2) Normal
(3) Borderline (4) High
19. Jaffe' reaction is used to detect which of the following ?
- (1) Uric acid (2) Creatinine
(3) ALT (4) AST
20. All are types of tissue macrophages except one :
- (1) Littoral cells (2) Hoffbauer cells
(3) Osteoblasts (4) Osteoclasts
21. In autoimmune hemolytic anemia, the following type of immunologic tissue injury is involved :
- (1) Type-I (Anaphylactic) (2) Type-II (Cytotoxic)
(3) Type- III (Immune complex) (4) Type-IV (Cell mediated)
22. According to Chakrapani, all of the following indicates Vikara Vighata Abhava except one :
- (1) निदानादीनामनुबन्धे (2) निदानादीनांशीघ्रानुबन्धे
(3) निदानादिपरस्परं नानबध्नन्ति (4) निदानादिनांबलवता चानुबन्धे
23. 'उत्पाद कारणस्य व्याधिजननपर्यन्तं गमनम्' - this statement of Chakrapani defines :
- (1) Samprapti (2) Vyadhi
(3) Nidan (4) Aagati

24. Classification of the diseases as Amashaya samuttha and Pakvashaya samuttha by Charaka is on the basis of :
- (1) Aashaya (2) Adhithana
(3) Nimitta (4) Prabhava
25. Tongue becomes cold, rough associated with fissures in case of :
- (1) Pittaja vikara (2) Vataja vikara
(3) Kaphaja vikara (4) Pittaja- kaphaja vikara
26. Which statement is true ?
- (1) The incubation period for *S. typhi* averages 10-14 days but ranges from 3-21 days, depending on the inoculum size and the host's health and immune status.
(2) The incubation period for *S. typhi* averages 20-24 days but ranges from 7-21 days, depending on the inoculum size and the host's health and immune status.
(3) The incubation period for *S. typhi* averages 21-28 days but ranges from 8-21 days, depending on the inoculum size and the host's health and immune status.
(4) The incubation period for *S. typhi* averages 30-14 days but ranges from 9-21 days, depending on the inoculum size and the host's health and immune status.
27. The graded criteria, i.e. 0= absent; 1= present but diminished; 2= normoactive; 3= exaggerated and 4= clonus indicates :
- (1) Muscle Stretch Reflexes (2) Muscle Strenght
(3) Cutaneous Reflexes (4) Primitive Reflexes

28. Distinctive convex elevation of the J point (Osborn wave) in ECG indicates :
- (1) Systemic hypothermia (2) Hyperkalemia
(3) Hypokalemia (4) hypercalcemia
29. The disease Unmada manifest due to vitiation of which srotas ?
- (1) Manovaha Srotas (2) Sangyavaha Srotas
(3) Buddhivaha sira (4) Indriyavaha Srotas
30. According to Astanga Samgraha, if abnormal Kapha enters Rakta Dhatu, then the disease manifested is :
- (1) Vishphota (2) Masoorika
(3) Visarpa (4) Panduroga
31. Indriyavaha Srotas is situated in which organ ?
- (1) Heart (2) Head
(3) Heart and Head (4) Urinary bladder
32. Mahanetra is the characteristic feature observed in :
- (1) Twaksara (2) Majja sara
(3) Meda sara (4) Shukrasara
33. Granthi and Apachi will be future diseases if the vitiated doshas get localized in :
- (1) Mamsa (2) Meda
(3) Twak & Shonita (4) Asthi

34. According to Sushruta, the symptom of Jvaramukti is :
- (1) Bhrajana (2) Trishna
(3) Mukhapaka (4) Daha
35. According to Madhava Nidana "रिग्धरुक्षैः शमं नैति" as a symptom seen in Vatarakta when it is predominantly affected with :
- (1) Only Pitta (2) Vata and Kapha
(3) Only Vata (4) Only Rakta
36. Which one of the following statements of Charaka about the prognosis of Raktapitta is correct ?
- (1) This disease is not palliable, when it is associated with two doshas
(2) This disease is curable when the patient has an acute attack
(3) This disease is curable if it is free of complication
(4) This disease is incurable when it is associated with only one dosha
37. According to Vagbhata, the fecal smell in mouth, belching and breath is due to :
- (1) Only Kaphaja krimi (2) Only Purishaja krimi
(3) Kaphaja and Purishaja krimi (4) Purishaja and Bahya krimi
38. According to Sushruta "Pleehodra" is due to :
- (1) Pittarsha (2) Shlesmarsha
(3) Vatarsha (4) Sahjarsha

39. The type of Pandu Roga according to Sushruta :

- | | |
|-----------------|-------------------|
| (1) Panchavidha | (2) Trividha |
| (3) Satvidha | (4) Astardhavidha |

40. “कफं घ्ठीवेत् सशोणितम्”- According to Charaka, this symptom is specifically manifested in the Rajyakshma due to :

- | | |
|-------------------------|--------------------|
| (1) Ayathabala Aarambha | (2) Vegasamdharana |
| (3) Kshaya | (4) Visamaashana |

Short Answer Questions

Note: Attempt any **five** questions. Write answer in **150-200** words. Each question carries **16** marks. Answer each question on separate page, after writing Question Number.

01. Explain Sadhyasadhyata and Upadrava of Pramesha in detail.
02. Explain Jihwa Pariksha and its application in diagnosis.
03. Explain Sushrutokta Dwadashavidha Pariksha.
04. Describe the importance of medical history in disease diagnosis.
05. Explain various Dosha gati and its clinical utility.
06. Explain the concept of Arishta and its utility in current perspective.
07. Explain the concept of Vyadhi kshamatwa in Ayurveda.
08. Describe the pathophysiology of Thromobosis.
09. Enumerate the Samprapti of Rajayakshma.
10. Explain the spread of tumours.

Question No.

Page for Short Answer

Question No.

Page for Short Answer

Question No.

Page for Short Answer

Question No.

Page for Short Answer

Question No.

Page for Short Answer

ROUGH WORK

रफ़ कार्य

ROUGH WORK

रफ़ कार्य

अभ्याथियों के लिए निर्देश

(इस पुस्तिका के प्रथम आवरण पृष्ठ पर तथा उत्तर-पत्र के दोनों पृष्ठों पर केवल नीली-काली बाल-प्वाइंट पेन से ही लिखें)

1. प्रश्न पुस्तिका मिलने के 30 मिनट के अन्दर ही देख लें कि प्रश्नपत्र में सभी पृष्ठ मौजूद हैं और कोई प्रश्न छूटा नहीं है। पुस्तिका दोषयुक्त पाये जाने पर इसकी सूचना तत्काल कक्ष-निरीक्षक को देकर सम्पूर्ण प्रश्नपत्र की दूसरी पुस्तिका प्राप्त कर लें।
2. परीक्षा भवन में लिफाफा रहित प्रवेश-पत्र के अतिरिक्त, लिखा या सादा कोई भी खुला कागज साथ में न लायें।
3. उत्तर-पत्र अलग से दिया गया है। इसे न तो मोड़ें और न ही विकृत करें। दूसरा उत्तर-पत्र नहीं दिया जायेगा। केवल उत्तर-पत्र का ही मूल्यांकन किया जायेगा।
4. अपना अनुक्रमांक तथा उत्तर-पत्र का क्रमांक प्रथम आवरण-पृष्ठ पर पेन से निर्धारित स्थान पर लिखें।
5. उत्तर-पत्र के प्रथम पृष्ठ पर पेन से अपना अनुक्रमांक निर्धारित स्थान पर लिखें तथा नीचे दिये वृत्तों को गाढ़ा कर दें। जहाँ-जहाँ आवश्यक हो वहाँ प्रश्न-पुस्तिका का क्रमांक तथा सेट का नम्बर उचित स्थानों पर लिखें।
6. ओ० एम० आर० पत्र पर अनुक्रमांक संख्या, प्रश्नपुस्तिका संख्या व सेट संख्या (यदि कोई हो) तथा प्रश्नपुस्तिका पर अनुक्रमांक और ओ० एम० आर० पत्र संख्या की प्रविष्टियों में उपरिलेखन की अनुमति नहीं है।
7. उपर्युक्त प्रविष्टियों में कोई भी परिवर्तन कक्ष निरीक्षक द्वारा प्रमाणित होना चाहिये अन्यथा यह एक अनुचित साधन का प्रयोग माना जायेगा।
8. प्रश्न-पुस्तिका में प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं। प्रत्येक प्रश्न के वैकल्पिक उत्तर के लिए आपको उत्तर-पत्र की सम्बन्धित पंक्ति के सामने दिये गये वृत्त को उत्तर-पत्र के प्रथम पृष्ठ पर दिये गये निर्देशों के अनुसार पेन से गाढ़ा करना है।
9. प्रत्येक प्रश्न के उत्तर के लिए केवल एक ही वृत्त को गाढ़ा करें। एक से अधिक वृत्तों को गाढ़ा करने पर अथवा एक वृत्त को अपूर्ण भरने पर वह उत्तर गलत माना जायेगा।
10. ध्यान दें कि एक बार स्याही द्वारा अंकित उत्तर बदला नहीं जा सकता है। यदि आप किसी प्रश्न का उत्तर नहीं देना चाहते हैं, तो संबंधित पंक्ति के सामने दिये गये सभी वृत्तों को खाली छोड़ दें। ऐसे प्रश्नों पर शून्य अंक दिये जायेंगे।
11. रफ कार्य के लिए प्रश्न-पुस्तिका के मुखपृष्ठ के अंदर वाला पृष्ठ तथा उत्तर-पुस्तिका के अंतिम पृष्ठ का प्रयोग करें।
12. परीक्षा के उपरान्त केवल ओ एम आर उत्तर-पत्र परीक्षा भवन में जमा कर दें।
13. परीक्षा समाप्त होने से पहले परीक्षा भवन से बाहर जाने की अनुमति नहीं होगी।
14. यदि कोई अभ्यर्थी परीक्षा में अनुचित साधनों का प्रयोग करता है, तो वह विश्वविद्यालय द्वारा निर्धारित दंड का की. भागी होगा/होगी।